



Toolkit

University Partnerships: Developing Human and Institutional Capacity for Food Security

Prepared for AIEA Annual
Conference 2016

*Increasing the power of higher education institutions
as sustainable and scalable engines of development*

INTRODUCTION

It is estimated that food production will need to increase by 70% to feed the world in 2050. Increasing production alone will not be sufficient, access and utilization are also essential to feeding the world. Public and land-grant universities, through partnerships around the world will be critical in producing the human and institutional capital needed to achieve the changes needed to increase availability, access and utilization for the world's population. In this document, prepared for a presentation to the Association for International Education Administrators 2016 Annual Conference, provides resources for measuring institutional change, building partnerships, integrating gender and achieving agricultural and nutritional outcomes. Many thanks to APLU members the Ohio State University, University of California-Davis and Pennsylvania State University for providing resources.

MEASURING PERFORMANCE IMPROVEMENT/INSTITUTIONAL CHANGE

The International Society for Performance Improvement (ISPI) The International Society for Performance Improvement (ISPI) and its members use evidence-based performance improvement research and practices to effect sustainable, measurable results, and add value to stakeholders in the private, public, and social sectors. ISPI represents performance improvement professionals throughout the United States, Canada, and 44 other countries. <https://www.ispi.org>

African Higher Education: Opportunities for Transformative Change for Sustainable Development This report seeks to provide USAID and

other interested stakeholders with recommendations towards effecting positive transformation of Sub-Saharan African higher education – at both the system and institutional levels. This work is based upon the premise that African higher education institutions are critical to sustainable human development on the continent, evidenced by numerous studies measuring higher education's contribution to economic growth and long-term benefits to society.

<http://www.aplu.org/AfricanHReport>

Understanding Human and Institutional Capacity Development (HICD) In an effort to more effectively fulfill USAID's worldwide development assistance mandate, the agency established the Human and Institutional Capacity Development (HICD) framework. USAID has recognized training to be only "one piece of the organizational performance puzzle." Thus, Knowledge center at APLU provides a short overview of the HICD framework through publishing this piece. The framework outlines an evidence-based systemic approach, with systematic and cost-effective steps for sustaining changes to human behavior that result in strengthened organizational effectiveness.

<http://www.aplu.org/projects-and-initiatives/international-programs/knowledge-center-for-advancing-development-through-higher-education/knowledge-center-library/understanding-hicd/file>

Good Practices in Leveraging Long-term Training for Institutional Capacity Strengthening This report was developed for USAID to document the results of the Knowledge Network and to encapsulate the knowledge shared and good practices promulgated through the webinar discussions as well as through individual discussions with implementers, program designers, and funders. This

report also covers a number of additional topics that were not the focus of discussion during the webinars. <http://www.aplu.org/projects-and-initiatives/international-programs/knowledge-center-for-advancing-development-through-higher-education/knowledge-center-library/good-practices-in-leveraging-long-term-training-for-institutional-capacity-strengthening/file>

Human And Institutional Capacity Development Handbook: A USAID Model For Sustainable Performance Improvement USAID's innovative Human and Institutional Capacity Development (HICD) initiative provides methodologies and tools designed to assist USAID's partner organizations in their quests for performance excellence. http://pdf.usaid.gov/pdf_docs/Pnadt442.pdf

BUILDING TRANSNATIONAL PARTNERSHIPS

Higher Education: A critical partner in global agricultural development Sets the foundational argument that U.S. universities are poised to be integral partners with development agencies to improve agriculture and address poverty and hunger. https://www.usaid.gov/sites/default/files/document_s/1867/HigherEducation-ACriticalPartnerinGlobalAgriculturalDevelopment.pdf

New Opportunities for U.S. Universities in Development Assistance: Agriculture, Natural Resources, and Environment Historical perspective on the role that universities can and have played in delivering development assistance. <http://ota.fas.org/reports/9131.pdf>

Book: The Transnationally Partnered University: Insights from Research and Sustainable Development Collaborations in Africa by Peter Koehn and Milton Obamba Analyzing the growing importance of the transnational higher education landscape and the role of African universities, Koehn and Obamba show how transnational partnerships among universities can inform policy, strengthen synergies between knowledge producers and knowledge users, and advance

sustainable-development practice. <http://www.palgrave.com/us/book/9781137481740>

You can also view a webinar from Peter and Milton [here](#) or read a summary of the webinar [here](#).

INTEGRATING GENDER EQUITY

Integrating Gender and Nutrition within Agricultural Extension Services (INGENAES) INGENAES is designed to assist partners in Feed the Future countries to build more robust, gender-responsive, and nutrition-sensitive institutions, projects and programs capable of assessing and responding to the needs of both men and women farmers through EAS; disseminate gender-appropriate and nutrition-enhancing technologies and access to inputs to improve women's agricultural productivity and enhance household nutrition <http://ingenaes.illinois.edu/discover/related-projects-and-programs/>

Innovation for Agricultural Training and Education (innovATE) Overview of gender equity in agricultural education and training. <http://www.oired.vt.edu/innovate/about/our-approach/gender-in-aet/>

Journal of Gender, Agriculture and Food Security (Agri-Gender) This is an international, open access, peer-reviewed and refereed journal published by the Africa Centre for Gender, Social Research and Impact Assessment. The main objective of Agri-Gender is to provide a platform for scholars to publish research work on gender equity, agriculture, and food security. <http://www.agrigender.net/index.php>

FAO Policy on Gender Equality Website that defines gender roles, gender balance, and gender mainstreaming and serves as a foundation for integrating gender into agricultural policies and projects. <http://www.fao.org/gender/gender-home/gender-why/why-gender/en/>

Gender, Agriculture, & Assets Project (GAAP): A Toolkit on Collecting Gender and Assets Data in Qualitative & Quantitative Program Evaluations. IFPRI and ILRI A foundational toolkit for mixed

methods in gender and assets data collection and analysis. The resource can also be navigated by subject under the "Toolkit" tab at their website: <http://gaap.ifpri.info/gender-and-assets-toolkit/key-questions-concepts/>

http://gaap.ifpri.info/files/2010/12/GAAP_Toolkit_Update_FINAL.pdf

CARE (2012) Good Practices Framework: Gender Analysis. CARE International Gender Network This toolkit provides an overview of gender analysis, program design, monitoring and evaluation methods, and emergency response. Some tools they detail include power mapping, resource mapping, basic social network analysis, and focus group discussions. CARE is a NGO with a strong focus on gender equality, equity, and empowerment.

<http://gendertoolkit.care.org/default.aspx>

Agri-Gender Statistics Toolkit. FAO Regional Office for Africa. Accra, Ghana This database was developed to improve the use and integration of sex-disaggregated agricultural data collection and analysis. Examples of full questionnaires and tables are provided in English and French on numerous topics, including access to productive resources, markets, labor and time use, food security, and poverty indicators.

<http://www.fao.org/gender/agrigender/agri-gender-toolkit/en/>

Integrating Gender into Forestry Research: A Guide for CIFOR Scientists and Program Administrators This toolkit discusses the relevance of gender to forestry research. It provides an overview of gendered practices and gendered knowledge, as well as the importance of participation in program design, implementation, and analysis. Methodologies and theoretical approaches to gender in forestry research are discussed. Page 75 has a helpful list of gender sensitive indicators.

http://www.cifor.org/publications/pdf_files/Books/B_CIFOR1203.pdf

Gender in Value Chains: Practical Toolkit to Integrate a Gender Perspective in Agricultural Value Chain Development. Agri-Pro Focus Learning

Network Available as an online resource or .pdf, this toolkit provides tools for creating a global gender-sensitive picture of particular value chains, the linkages among actors, and gendered constraints and opportunities for participation. Numerous tools can be accessed like a value chain game, a mini-market study template, and a gendered agricultural calendar.

<http://genderinvaluechains.ning.com/page/toolkit>

The Women's Empowerment in Agriculture Index (WEAI) The WEAI is a tool for measuring gender equality, one of the Millennium Development Goals. It measures women's empowerment, including their access and ability to make decisions in their households, communities, and economies. Questionnaires and a helpful manual can be downloaded.

<http://www.ifpri.org/publication/womens-empowerment-agriculture-index>

BRIDGING NUTRITION-AGRICULTURAL OUTCOMES

CGIAR research program on agriculture and nutrition for human health One-stop website for information on research that integrates nutrition and agriculture. <http://www.a4nh.cgiar.org/>

Mendeley repository of Agriculture, Nutrition, and Health papers Collaborative bibliography of research publications related to agriculture, nutrition and health, which was first initiated during the 2020 Conference on "Leveraging Agriculture for Improving Nutrition and Health". This is the collaborative effort of the 'CGIAR Research Program on Agriculture for Nutrition and Health (A4NH)' <http://www.a4nh.cgiar.org> led by IFPRI and Communications and Knowledge Management (CKM) of IFPRI

<https://www.mendeley.com/groups/844241/agriculture-nutrition-and-health/>

AgriLinks: Nutrition-Sensitive Agriculture Repository for resources about nutrition-sensitive agriculture. <http://agrilinks.org/activity-cross-cutting/nutrition-sensitive-agriculture>

Integrating nutrition into agriculture: Nutrition glossary This glossary contains concepts and terms commonly used by health and nutrition practitioners, but they may not be familiar to agricultural experts. The glossary is a living reference document for the INGENAES consortium members to facilitate cross-sectoral work on agriculture, nutrition and gender; terms can be added as the need develops.

<http://ingenaes.illinois.edu/nutrition-glossary/>

Whose job is it? Integrating agriculture and nutrition in public sector agricultural extension service

Argues that the global development community can support public sector extension to integrate nutrition and agriculture.

http://issuu.com/modernizingeas/docs/meas_tn_whoose_job_is_it_integratin?e=14440813/14448654

RESOURCES COMPILED BY

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Learn more about iAGRI, led by Ohio State University at <http://iagri.org>.



Learn more about the Horticulture Innovation Lab at <http://horticulture.ucdavis.edu/>.

PENNSTATE



College of Agricultural Sciences

Learn more about International Agriculture Programs at Penn State at <http://agsci.psu.edu/international>.



Increasing the power of higher education institutions as sustainable and scalable engines of development

The Knowledge Center on Advancing Development through Higher Education works to create, curate, analyze and share knowledge about capacity building and institutional transformation in higher education for development.

Based in Washington, D.C., the Knowledge Center's activities provide policy makers, donors, researchers, and practitioners with evidence-based approaches to inform investments in human and institutional capacity development of institutes of higher education in developing countries. Our purpose is to develop knowledge in support of strengthening international higher education's capacity to address socioeconomic development challenges facing the developing world and improving APLU member university engagement with these higher education institutions.

Learn more about the Knowledge Center at

www.aplu.org/knowledgecenter